

MONUMENT RECORD

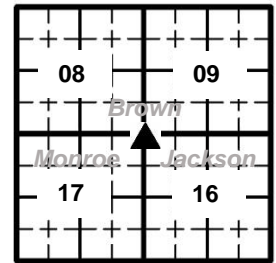
Corner ID: **Pol_i09**

Section Corner

Sections 8, 9, 16 & 17- T07N-R02E, 2nd P.M.

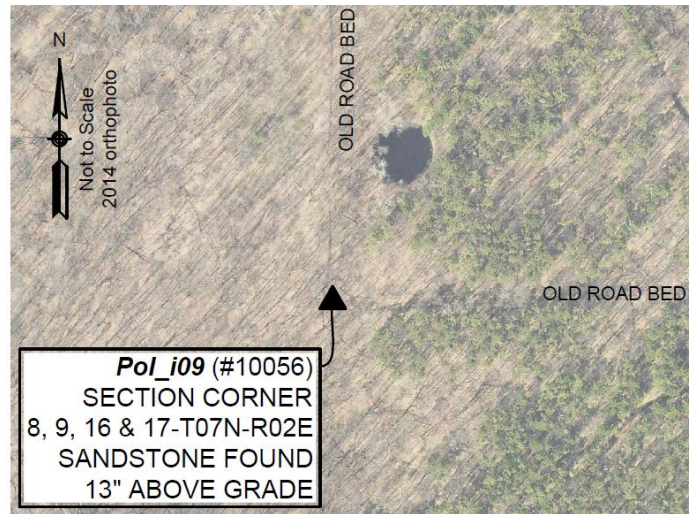
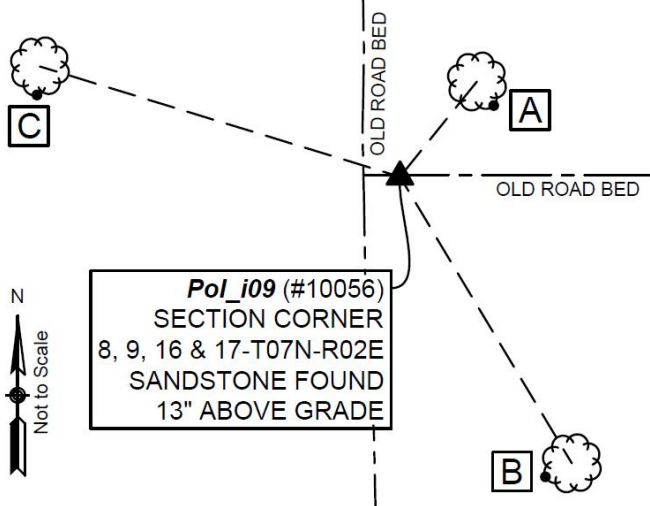
Polk Township, Monroe County, Indiana

Corner Common to Monroe, Brown, and Jackson County



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5" x 8" sandstone scribed "SC" on east side found 13" above grade.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. All ties to new Bearing Trees (BT's) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	Bearing	Distance	Description
A	N 39° E	10.75'	Mag nail in USDA washer found 1.7' above grade on the southeast side of a 23" dia. twin maple (both trunks) with Bearing Tree tag 4.8' above grade on the south side
B	S 31° E	29.33'	Mag nail in USDA washer found 0.9' above grade on the west side of a 14" shagbark hickory with Bearing Tree tag 4.3' above grade on the north side
C	N 73° W	33.1'	Mag nail and washer set in hack 1.1' above grade on the south side of a 15" tree (possibly walnut)

PHOTO IDENTIFIED: Photo Date: 12/26/2018

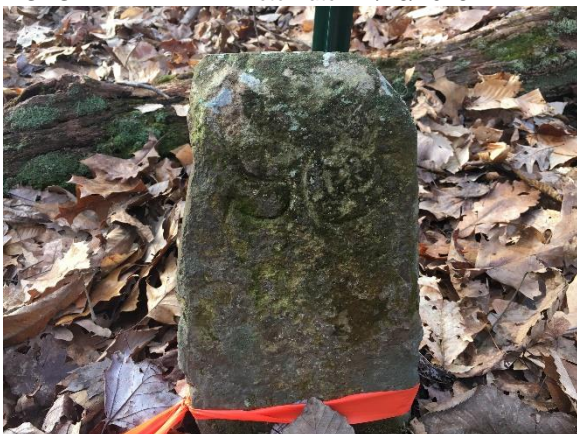


Photo Orientation & Description: Pol_i09



Photo Orientation & Description: Looking west at Pol_i09



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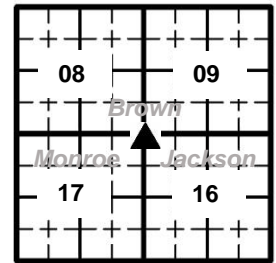


Photo Orientation & Description: Looking south at Pol_i09



Photo Orientation & Description: Looking north at Pol_i09

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_DV02P276

Original monument: Wooden Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W. Oak	15"	N 63° W	8 lks
B. Oak	16"	S 4° E	27 lks

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 4/30/1856 By: James Spencer, MCS

Where filed or recorded: MCSO LSB 1, PG 301-302

Original monument: "White Oak 20" in diameter & corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Unclear			

Notes: Spencer measured 2623.5 feet from the E/4 of Sec. 17

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 8/13/1856 By: Jackson County Surveyor's Office

Where filed or recorded: Book 2, page 172

Original monument: Sandstone "SC"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
C. Oak (new)	12"	S 51° E	25 lks
W. Oak (original)	15"	N 63° W	8 lks

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 11/10/2018 By: Boy Scout Troop 348

Where filed or recorded: State of Indiana Hoosier National Forest Land Corner Record Index J-9

Original monument: Found sandstone scribed "SC"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Twin Maple	23"	N 38° E	10.75'
Shagbark Hickory	14"	S 12° E	29.33'

Notes:

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 12/26/2018 By: R.Oser Monument Found: Stone BTs or Reference Objects Found: No original reference objects found. All BTs from State of Indiana Hoosier National Forest Land Corner Record found in good condition Project #: Polk7N2E Field Book: 52/76 Notes: Approximately six weeks before we visited the stone, it was found and witnessed by Darren Norrington of the Hoosier National Forest and members of Mitchell's Boy Scout Troop 348, including Jon Drake, Kevin Johnson, Andrew Norrington, Chase Sears, and Doug Johnson. Darren Norrington supplied us with the Hoosier National Forest Land Corner Record, and we were so thrilled with the discovery of the new stone that we wanted to see it for ourselves.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

None found.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the Forest Service gate on Terrill Cemetery Road at the Hickory Ridge fire tower, travel north on Terrill Cemetery Road for approximately 1.25 miles to the intersection of an old east-west roadbed. Said roadbed is approximately 550 feet south of the northern intersection of the Sycamore Loop trail with Terrill Cemetery Road. Travel west on the old roadbed for approximately 800 feet to the intersection of an old north-south roadbed.



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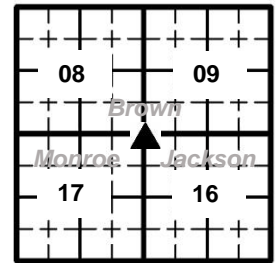
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Sections 8, 9, 16 & 17- T07N-R02E, 2nd P.M.

Polk Township, Monroe County, Indiana

Corner Common to Monroe, Brown, and Jackson County



Stone scribed "SC", measuring 5" x 8" x 13" above ground was found. It is assumed that the stone has been raised or reset since it was originally set, given its height above ground and being near the centerline of the old road intersection.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

A 1" magnet was set 6" below grade on the east side of the stone. Orange flagging was tied to the stone and a five-foot t-post was set 0.5' west with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign set facing east 3.1' above grade.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*
The stone was accepted as the best evidence of the corner with no associated uncertainty.

GEODETIC COORDINATES: *Northing:* 1385118', *Easting:* 3170110'

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North System NAD83 (2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid12b_conus.db3, US Survey Feet. Tied to NSRS using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 2 base. Positional values of this corner were determined from static GNSS and RTK GNSS (Javad Triumph LS Rover) observation.

CERTIFICATIONS:



Rachel Oser

Date: 07/19/2019
Rachel Oser, State of Indiana
Professional Surveyor
No.21100022



Trohn Enright-Randolph

Date: 07/19/2019
Trohn Enright-Randolph
Monroe County Surveyor




Accepted by the Monroe
County Surveyor Review
Board on 07/02/2019





Index: J-9	Corner: SC	LAND CORNER RECORD		State of Indiana Hoosier National Forest
Twnshp: 7N	Range: 2E	Section: 8,9,16,17	2 nd P.M.	County: Jackson Monroe Brown
EXISTING SURVEYS				
Original Government Survey			Original Survey Evidence Found	
Year Surveyed:	1815	By:	Arthur Henrie	
Original Monument:	Wood Post			
Species	Diameter	Bearing	Distance	
White Oak	15 inch	N 63° W	8 links	
Black Oak	16 inch	S 4° E	27 links	
Subsequent Corner Restoration				
Where Filed or Recorded:	Jackson County Surveyor's Office			
Book: 2	Page: 172	Date: 8/13/1856		
Monument Set:	Sandstone "SC"			
Species	Diameter	Bearing	Distance	
C Oak	12 inch	S 51° E	25 links	
Date of Search:		By:		
Monument Found:				
Species	Diameter	Bearing	Distance	
Evidence of Subsequent Corner Restoration Found				
Year Searched:	11/10/2018	By:	Boy Scout Troop 348	
Monument Found	Stone scribed "SC" at road intersection, 13" above ground			
Species	Diameter	Bearing	Distance	
W Oak	15 inch	N 63° W	8 links	

OTHER EVIDENCE

Describe corner loc. relative to nearby features & dir. to corner location; note fences, roads, etc.	Sketch of Monument
<p>From the Forest Service gate on Terrill Cemetery Road (4731.070) at the Hickory Ridge fire tower, travel north on Terrill Cemetery Road for approximately 1.25 miles to the intersection of an old east-west roadbed. Said roadbed is approximately 550 feet south of the northern intersection of the Sycamore Loop trail with Terrill Cemetery Road. Travel west on the old roadbed for approximately 800 feet to the intersection of an old north-south roadbed.</p> <p>Stone scribed "SC", measuring 5" x 8" x 13" above ground was found. It is assumed that the stone has been raised or reset since it was originally set, given its height above ground and being near the centerline of the old road intersection.</p> <p>Members of Mitchell's Boy Scout Troop 348 assisted me in the search for this corner, including Jon Drake, Kevin Johnson, Andrew Norrington, Chase Sears as well as Doug Johnson.</p> <p>The State Plane coordinates shown at the bottom were collected using a resource grade Trimble GEO XT unit. The horizontal precision was 4.6 feet.</p>	

PERPETUATION RECORD

Monument: Describe new monument set or work done to perpetuate/preserve the existing monument/position.						
North View (red arrow pointing to the Twin Maple bearing tree)			South View (red arrow pointing to Shagbark Hickory bearing tree)			
Corner Diagram		Accessories: Describe new BTs & witness objects established to perpetuate existing evidence.				
<div style="display: flex; justify-content: space-around;"> <div> Brown County Sec 8 Sec 17 Monroe County </div> <div> Sec 9 Sec 16 Jackson County </div> </div>		<div style="display: flex; justify-content: space-around;"> <div> Twin Maple (visible in north photo) 23" Diameter (both trunks) N 38° E, 10.75 feet New BT tag, Mag nail and washer on southeast side of tree </div> <div> Shagbark Hickory (visible in south photo) 14" Diameter S 12° E, 29.33 feet New BT tag, Mag nail and washer on west side of tree </div> </div>				
Section: 8, 9, 16, 17		Corner Recordation:				
		Filed and Recorded in County records:				
		Book:				
		Geodetic Coordinates:				
		Lat./N.	1385107	Long./E.	3170100	
		Edited By:	Darren Norrington		Date Created:	11/13/2018